Long Range Facilities Planning Committee

Executive Summary

November 20, 2011

Accepted by the Stratford Board of Education at the Monday, November 28, 2011 meeting.

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Long Range Facilities Planning Committee

Members

Mr. Joseph Crudo, Chairman
Board Member

Mr. David Kennedy
Board Member

Mr. David Killeen
Town Planner

Mr. Eric Lazaro
Parent

Mr. Charles Lindberg
Board Member

Ms. Beth Smith
Parent

Ms. Andrea Velileux
Parent

Irene Cornish, Superintendent
Elaine Watson, Assistant Superintendent
Michael Feeney, Chief Operating Officer

Facilitation Provided by

Dr. Joseph Townsley
Capital Region Education Council

Committee Charge

On May 5, 2011, Gavin Forrester, Chairman of the Board of Education, provided the following written charge to the long range facility planning committee:

> "The committee is charged with giving recommendations to the full board on a short term, intermediate, and long term issues facing the utilization of buildings and classrooms within the district. At the core of this charge is that any recommendation this committee makes regarding the school district has to first and foremost be concerned with the preservation of the district's high academic curriculum, standards, and programs for its students and be compatible with the district's goals. On the short term, dependent on what the Board of Education's budgetary allocation is after the Town Council passes the town budget, this committee will need to offer a recommendation to the full board on a possible reconfiguration of our student population which may include moving 6th grade to middle school, closing a facility, or any combination thereof that maintains academics. This could potentially include the consolidation of facilities and programs at those facilities. This recommendation would need to be in place by June 15, 2011 at the latest. For the intermediate and long-range, the committee should be prepared to look at student population trends in town, upcoming state and federal mandates regarding education, the current physical condition of facilities, the five year capital improvement plan, and other factors that will influence the development of the facilities of the school district. In consideration these and whatever other factors may apply, the committee will make a recommendation to the full board by calendar year end (or at least prior to the 2012 Board of Education budget) on a plan that will reach out to 2015 on what renovations, new construction, possible consolidation and other issues facing the district's physical plan it foresees."

Committee Recommendation: In accordance with the committee's recommendation on November 10, 2011, the Executive Summary will be submitted to the full Board for evaluation of the committee's efforts. At this time, the committee did not believe that sufficient data had been presented relative to the Board's funding allocation from the Town in order to make a final recommendation. The committee agreed that once the budget was allocated to the Board for FY2012-2013, the criteria and analysis proposed should be used to implement a short and long term action plan.

Committee Meeting Dates

In efforts to meet the charge, the Long Rang Facilities Planning Committee, publicly met on the following dates and times:

April 26, 2011	6:00pm BOE Admin
May 5, 2011	6:00pm BOE Admin
May 19, 2011	6:00pm BOE Admin
August 11, 2011	Tour of Facilities
August 25. 2011	6:00pm BOE Admin
September 9, 2011	6:00pm BOE Admin
September 15, 2011	6.00pm BOE Admin
October 6, 2011	6:00pm BOE Admin
October 20, 2011	6:00pm BOE Admin
October 27, 2011	6:00pm BOE Admin
November 10, 2011	7:00pm Center School

Guiding Principles of the Committee

The committee made the following guiding principle decisions through consensus, which served as the basis for reviewing facility planning simulations.

- Agreed to the accuracy of the following projected enrollment studies:
  - 2008 Demographic Study by Ross Haber and Associates, Inc.
  - 2010 Enrollment Projections to 2019 by Peter Prowda
  - 2010 Demographic Update by Ross Haber and Associates, Inc.

- An acquisition of modulars at the Middle Schools was to be avoided due to the increased financial impact.

- Maintain Stratford Academy as a K-6 configuration.

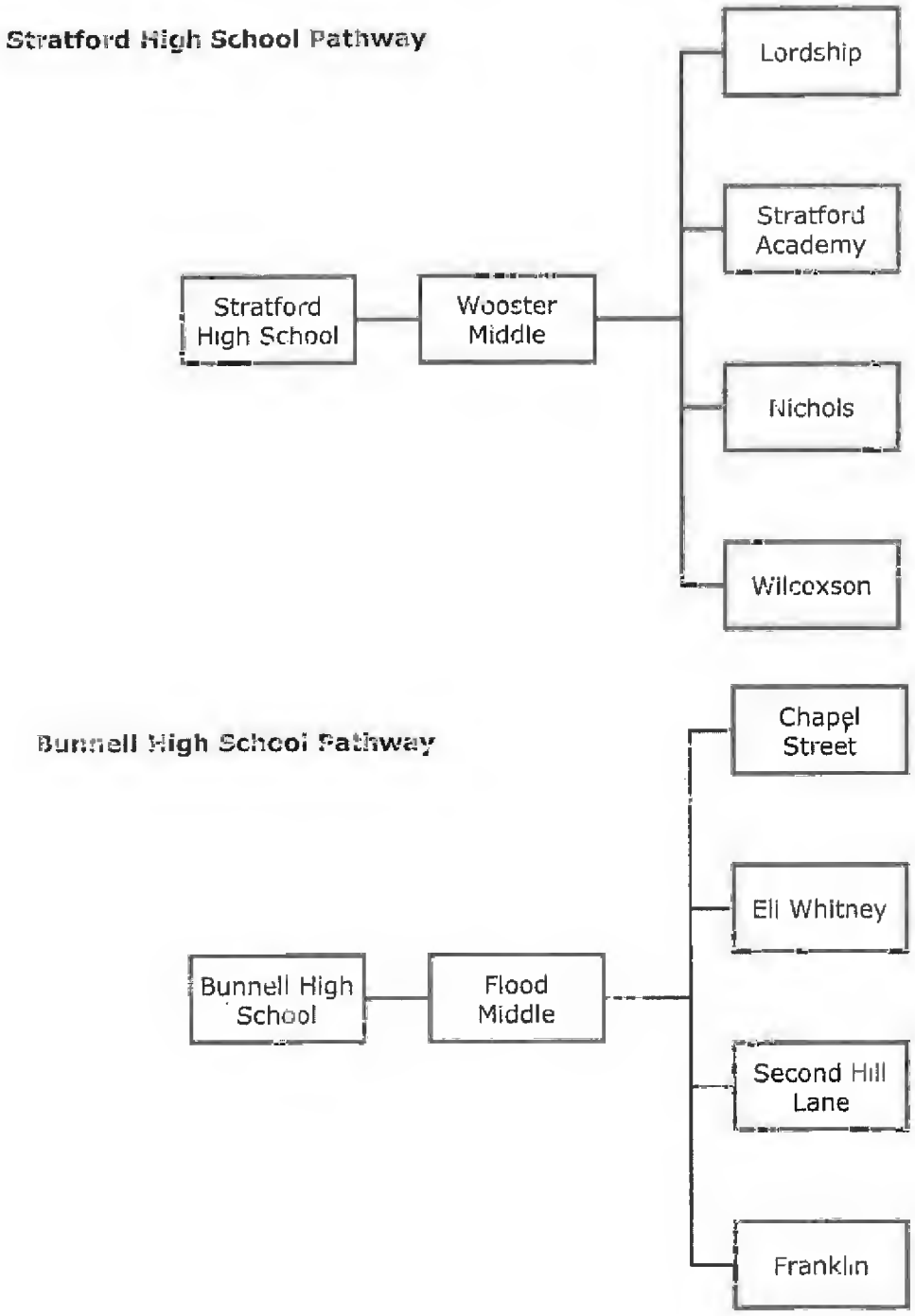
- Maintain curriculum.

- Do not change existing pathways. Students will follow the existing pathway to Middle/High School.

- Class size guidelines
  - K-2 21 students in each class
  - 3-6 25 students in each class

- Wooster/Flood Middle School Reconfigurations
  - Flood 11 classrooms with 25 students each (Capacity 11x25=275)
  - Wooster 6 classrooms with 25 students each. (Capacity 6x25=150)

Board of Education Approved Pathways



Simulations Reviewed

Wooster has the capacity for 150 students. 6 classrooms x 25 students
Flood has the capacity for 275 students. 11 classrooms x 25 students.

The simulations presented in the tables below are predicated on the following enrollment projections: Column A represents the existing class size as of August 2011; Column B represents transferring 6th grade students to Middle School; Column C represents transferring 6th grade students to Middle School, while maximizing class sizes for K-2 at 21 each, and 3-6 at 25 each (the right hand corner of each table in Column C is highlighted, representing the number of seats that are created in this scenario).

Example - Lordship is located in the second row. Column A shows the existing class sizes at the school. Column B illustrates the population dropping to 220 when the 6th grade is removed. Column B shows that when class size is maximized for K-2 at 21 and 3-6 at 25, Lordship has the capacity for 276 students. Therefore, if 6th grade is transferred to the Middle School, Lordship could accommodate an additional 56 students (as highlighted in upper right hand corner.) This is substantiated by taking Column C total population of 276, minus Column B total population of 220, which equals 56.

A — Existing Class Size

WOOSTER/SHS	STRATFORD ACADEMY						
	pre s	19	18				
	k am	18	19				
	k pm	19	19				
	1	20	20	20	21		81
	2	20	20	21	21		82
	3	21	22	22	22		87
	4	22	22	23	23	30	120
	5	21	22	22	22	27	114
	6	24	24	21		29	101
		184	186	132	109	86	585
WOOSTER/SHS	LORDSHIP						
	FDK	22	22				44
	1	20	21				41
	2	22	22				44
	3	19	20				39
	4	14	15				29
	5	23					23
	6	25					25
		145	100				245
FLOOD/BHS	FRANKLIN						
	PRE	20					20
	FDK	21	22				43
	1	19	19				38
	2	18	19				37
	3	19	20				39
	4	21	21				42
	5	20	21				41
	6	21	22				43
		159	144	0	0	0	0 303

B — Transferring of 6th Grade To Middle School

WOOSTER/SHS	STRATFORD ACADEMY						
	pre s	19	18				
	k am	18	19				
	k pm	19	19				
	1	20	20	20	21		81
	2	20	20	21	21		82
	3	21	22	22	22		87
	4	22	22	23	23	30	120
	5	21	22	22	22	27	114
	6	24	24	24		29	101
		184	186	132	109	86	585
WOOSTER/SHS	LORDSHIP						
	FDK	22	22				44
	1	20	21				41
	2	22	22				44
	3	19	20				39
	4	14	15				29
	5	23					23
	6	X					0
		120	100				220
FLOOD/BHS	FRANKLIN						
	PRE	20					20
	FDK	21	22				43
	1	19	19				38
	2	18	19				37
	3	19	20				39
	4	21	21				42
	5	20	21				41
	6	X	X				0
		138	122	0	0	0	0 260

C — Transferring of 6th Grade to Middle School while maximizing class size

WOOSTER/SHS	STRATFORD ACADEMY							94
	pre s	19	18					
	k am	18	19					
	k pm	19	19					
	1	21	21	21	21			84
	2	21	21	21	21			84
	3	25	25	25	25			100
	4	25	25	25	25	30	25 VAC	135
	5	25	25	25	25	27	25 VAC	152
	6	25	25	25		29		104
		198	198	142	117	86		679
WOOSTER/SHS	LORDSHIP							56
	FDK	21	21					42
	1	21	21					42
	2	21	21					42
	3	25	25					50
	4	25	25					50
	5	25						25
	6	25						25
		163	113	0	0	0	0	276
FLOOD/BHS	FRANKLIN							153
	PRE	20						20
	FDK	21	21					42
	1	21	21	21	VAC			63
	2	21	21	21	VAC			63
	3	25	25	25	VAC			75
	4	25	25					50
	5	25	25					50
	6	25	25					50
		163	163	67	0	0	0	453

Existing Class Size

FLOOD/BHS							
CHAPEL							
FDK	21	21	22	22	22		108
1	23	23	23	23			92
2	21	21	22	22			86
3	26	26	26				78
4	21	22	22	22			87
5	23	23	23				69
6	23	24	24				71
	158	160	162	89	22	0	591

WOOSTER/SHS							
NICHOLS							
FDK	21	21	21				63
1	23	23	24				70
2	23	23	24				70
3	24	24	24				72
4	24	25					49
5	22	23	23				68
6	21	21	22				64
	158	160	138	0	0	0	456

FLOOD/BHS							
SECOND HILL LANE							
PRES	9	12	22	27	28	28	126
FDK	21	21	21	21	22		106
1	19	19	19	19			76
2	20	20	21	21			82
3	22	22	22	22			88
4	21	22	22	22			87
5	25	25	26				76
6	22	23	23	23			91
	159	164	176	155	50	28	732

Transferring of 6th Grade To Middle School

FLOOD/BHS							
CHAPEL							
FDK	21	21	22	22	22		108
1	23	23	23	23			92
2	21	21	22	22			88
3	26	26	26				78
4	21	22	22	22			87
5	23	23	23				69
6	X	X	X				0
	135	136	138	89	22	0	520

WOOSTER/SHS							
NICHOLS							
FDK	21	21	21				63
1	23	23	24				70
2	23	23	24				70
3	24	24	24				72
4	24	25					49
5	22	23	23				68
6	X	X	X				0
	137	139	116	0	0	0	392

FLOOD/BHS							
SECOND HILL LANE							
PRES	9	12	22	27	28	28	126
FDK	21	21	21	21	22		106
1	19	19	19	19			76
2	20	20	21	21			82
3	22	22	22	22			88
4	21	22	22	22			87
5	25	25	26				76
6	X	X	X	X			0
	137	141	153	132	50	28	641

Transferring of 6th Grade to Middle School while maximizing class size

FLOOD/BHS								
CHAPEL								78
FDK	21	21	21	21	21			105
1	21	21	21	21				84
2	21	21	21	21				84
3	25	25	25					75
4	25	25	25	25				100
5	25	25	25					75
6	25	25	25					75
	163	163	163	88	21	0		598

WOOSTER/SHS								
NICHOLS								72
FDK	21	21	21					63
1	21	21	21					63
2	21	21	21					63
3	25	25	25					75
4	25	25						50
5	25	25	25					75
6	25	25	25					75
	163	163	138	0	0	0		464

FLOOD/BHS								
SECOND HILL LANE								158
PRES	9	12	22	27	28	28		126
FDK	21	21	21	21	21			105
1	21	21	21	21				84
2	21	21	21	21				84
3	25	25	25	25				100
4	25	25	25	25	25	VAC		125
5	25	25	25					75
6	25	25	25	25				100
	172	175	185	165	74	28		799

Existing Class Size

FLOOD/BHS							
WHITNEY							
FDK	21	21	21				63
1	21	21	22				64
2	22	23	23	23			91
3	23	23	24	24			94
4	25	26	26				77
5	24	24	24	24			96
6	24	24	24				72
	160	162	164	71	0	0	557

WOOSTER/SHS							
WILCOXSON							
FDK	21	22					43
1	22	22					44
2	20	21	21				62
3	23	23	23				69
4	20	20	21				61
5	25	25					50
6	23	24	24				71
	154	157	89	0	0	0	400

Transferring of 6th Grade To Middle School

FLOOD/BHS							
WHITNEY							
FDK	21	21	21				63
1	21	21	22				64
2	22	23	23	23			91
3	23	23	24	24			94
4	25	26	26				77
5	24	24	24	24			96
6	X	X	X				0
	136	138	140	71	0	0	485

WOOSTER/SHS							
WILCOXSON							
FDK	21	22					43
1	22	22					44
2	20	21	21				62
3	23	23	23				69
4	20	20	21				61
5	25	25					50
6	X	X	X				0
	131	133	65	0	0	0	329

Transferring of 6th Grade to Middle School while maximizing class size

FLOOD/BHS								
WHITNEY								100
FDK	21	21	21					63
1	21	21	21					63
2	21	21	21	21				84
3	25	25	25	25				100
4	25	25	25	25	VAC			100
5	25	25	25	25				100
6	25	25	25					75
	163	163	163	96	0	0		585

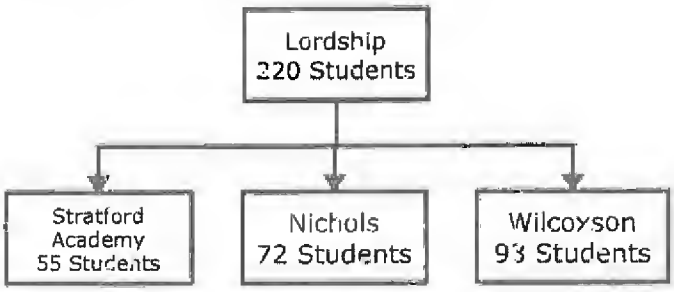
WOOSTER/SHS								
WILCOXSON								118
FDK	21	21						42
1	21	21						42
2	21	21	21					63
3	25	25	25	25	VAC			100
4	25	25	25					75
5	25	25						50
6	25	25	25					75
	163	163	96	25	0	0		447

Option A Lordship Simulation

This simulation was modeled with Lordship closing as a K-5 configuration, and 6th grade would be moved to Wooster Middle School (Existing Pathway).

Summary: Fifth grade (school year 2012-2013 6th graders) can be accommodated with the Wooster Pathway if Lordship school closed. Furthermore, by eliminating the 6th grade at Lordship school, 220 K-5 students would have to be transferred to Stratford Academy, Nichols, and Wilcoxson elementary schools; consequently, the existing magnet school program would change.

A placement of the 220 Lordship students (K-5) could fall into the following scenario:



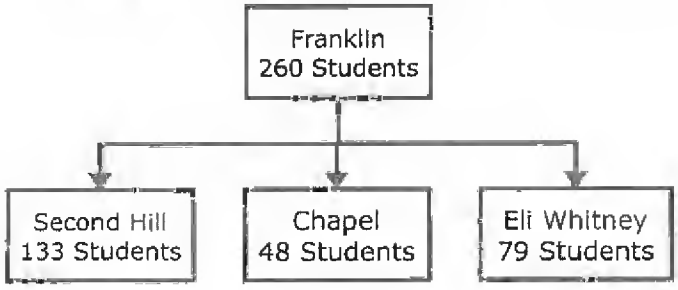
Note: Wilcoxson can house an additional 25 students.

Option B Franklin Simulation

This simulation was modeled with Franklin closing as a K-5 configuration, and 6th grade would be moved to Flood Middle School (Existing Pathway).

Summary: Fifth grade (school year 2012-2013 6th graders) could not be accommodated with the Flood Pathway if Franklin school closed. Flood Middle School would be overenrolled by 7 students; Flood has the capacity to house 275 of the 282 6th graders. Moreover, by closing Franklin school, 260 K-5 students would be transferred to Second Hill Lane, Chapel, and Eli Whitney elementary schools.

The placement of the 260 Franklin students (K-5) could fall into the following scenario.



Option C Wilcoxson Simulation

This simulation was modeled with Wilcoxson closing as a K-5 configuration, and 6th grade would be moved to Wooster Middle School (Existing Pathway).

Summary: Fifth grade (school year 2012-2013 6th graders) can be accommodated with the Wooster Pathway if Wilcoxson school closed. However, the, 329 K-5 students could not be accommodated in the elementary schools that follow Wilcoxson's pathway to middle and high school; such as Stratford Academy, Nichols, and Lordship elementary schools.

Stratford Academy, Nichols and Lordship have room for 222 students only; 107 students' pathways would have to be changed. These students could be re-placed at Second Hill Lane, Eli Whitney, Franklin, or partially accommodated at Chapel elementary schools. As such, the pathway would be changed to Flood Middle and Bunnell High schools.

Option D Nichols Simulation

This simulation was modeled with Nichols closing as a K-5 configuration and 6th grade would be moved to Wooster Middle School (Existing Pathway).

Summary: Fifth grade (school year 2012-2013 6th graders) can be accommodated with the Wooster Pathway if Nichols school closed. However, the 392 K-5 students could not be accommodated in the elementary schools that follow Nichols' pathway to middle and high school; such as Stratford Academy, Lordship, and Wilcoxson elementary schools.

Stratford Academy, Wilcoxson, and Lordship elementary schools have room for 268 students only; 124 students' pathways would have to be changed. These students could be re-placed at either Second Hill Lane, Eli Whitney, Franklin, or partially accommodated at Chapel elementary schools.

Option E Stratford Academy and Lordship Simulation

This simulation was modeled to determine whether Stratford Academy could absorb Lordship students as a K-5 configuration.

Summary: Lordship has 101 students in attendance in grades K-5. Stratford Academy could only accommodate 94 of the 101 students, resulting in over enrollment of 7 students. As a result the class size would have to be increased to accommodate.

Option F Franklin and Lordship Simulation

This simulation was modeled to determine whether or not Franklin and Lordship could close and be absorbed in existing classrooms throughout the district.

Summary: Franklin's pathway (as described under Option B), Flood would be overenrolled by 7 students. Lordship's pathway would remain unaffected. As a result of this action, a total of 140

spaces or approximately 4 to 6 classrooms would remain open district wide in order to seat any future enrollment increases.

Option II If Franklin Closes (K-6) Simulation

This simulation was modeled to determine whether Franklin could be closed as a K-6 configuration with 6th grade remaining intact district wide.

Summary: Elementary schools remaining as K-6 composition district wide, Franklin could not be absorbed in other schools within, or outside of its pathway. Even if pathways were not considered, the district would need one additional classroom for all Franklin students to be assimilated throughout district.

Option I If Lordship Closes K-6 Simulation

This simulation was modeled to determine whether Lordship could be closed as a K-6 configuration with 6th grade remaining intact district wide.

Summary: If elementary schools remain as K-6 configuration district wide, Lordship's 245 students could not be absorbed in the elementary schools with the same pathway, such as Stratford Academy, Nichols, and Wilcoxson. However, if pathways were not considered, the remaining 96 Lordship students could be placed at Franklin Elementary.

Construction Costs

Geddis Architects was asked to submit a proposal for professional architectural and engineering services that would modify Flood and Wooster Middle Schools to hold the 6th grade. The proposal would increase Flood Middle School by 11 classrooms and Wooster Middle School by 6 classrooms.

Anticipated Construction Costs	
Flood Middle School	
General Construction:	$100,000
M.E.P. – FP:	$200,000
Budget Estimate:	**$300,000**
Wooster Middle School	
General Construction:	$ 25,000
M.E.P. – FP:	$ 8,500
Budget Estimate:	**$ 33,500**
Estimated Budget	$333,500
10% Design Contingency	$ 33,350
Subtotal	**$366,850**
10% Construction Contingency	$ 36,685
Subtotal	**$403,535**
Geddis – Document Preparations	$ 18,000
Geddis – Contract Administration	$ 9,000
Hazardous Materials Consultant Fee	$ 12,000
DTC – Engineers	$ 12,500
Grand Total:	**$455,035***

*Mayors Office has confirmed that this amount could be offset through the Board's existing bonding allocations.

Projected Timeline for Reconfiguration of Middle Schools.

In addition to providing a construction cost for the reconfiguration of Middle Schools, Geddis Architect provided a conservative construction project timeline in order for the project to be completed prior to the start of the September 2012 school year.

1/2/2012	Architect notice to proceed	2 weeks to finalize design
1/15/2012	Start construction	4 weeks for construction documents
2/20/2012	Issued for bid	3-4 weeks for bid opening
3/15/2012	Bid opening	2 week qualification review
4/1/2012	All submittals sent to Architects	2 weeks generate submittals
5/1/2012	All submittals approved	6 weeks to order products
6/15/2012	Start construction	8 weeks constructions
8/15/2012	Substantial completion	

Cost Associated with the Acquisition of Modulars

Vanguard Modular Building Systems provided the following quotation for the installations of modulars at Wooster:

Option 1

Purchase of 2 classroom modulars:	$255,233
Add .08 for architectural fees:	$ 20,419
Subtotal	**$275,652**

(Lease for $4,639/month)

Option 2

Purchase of 4 classroom modulars	$409,816
Add .08 for architectural fees:	$ 32,785
Subtotal	**$442,601**

(Lease for $7,433/month)

School Counselors for 6th Graders

On July 8, 2011, the Connecticut General Assembly passed Public Act 11-135, which includes a provision requiring each local and regional board of education to implement Student Success Plans (SSP).

Section 2 of Public Act 11-135 reads as follows:

> "For the school year commencing July 1, 2012, and each school year thereafter, each local and regional board of education shall create a student success plan for each student enrolled in a public school, beginning in grade six. Such student success plan shall include a student's career and academic choices in grades six to twelve, inclusive."

The law does not require 6th graders to be placed with a 7-8 grade configuration.

Financial Impact

If 6th grade students transitioned to Flood/Wooster Middle Schools, the existing staff (School Counselors) would be able to support the student increase. As a result, no additional School Counselors/Staffing would be needed.

If 6th grade students remained at a K-6 structure, one additional School Counselors/Staff would be needed. As a result, a total of $73,769* would have to be added to the FY 2012-13 budget.

*Includes salary and benefits

Added Transportation Costs

Durham Bus Services reviewed transportation and provided the following financial impacts to the District.

1.) Close Franklin Elementary School: Grades K-5 re-placed at Second Hill Lane, Chapel, and Eli Whitney. Durham estimates that this service would require four (4) additional buses at a cost of $205,434 for the 2012-13 school year.
2.) Close Lordship Elementary School: Grades K-5 re-placed at Stratford Academy, Nichols, and Wilcoxson Schools. Durham provided an estimate of one additional bus at a cost of $51,359 for the 2012-13 school year.
3.) Close Lordship Elementary School: K-6 sent to Stratford Academy, Nichols, Wilcoxson, and one other elementary school. Durham estimates this service would require two (2) additional buses at a cost of $102,717 for the 2012-13 school year.
4.) In the first and second proposals (listed above), grade 6 from all elementary schools would attend Flood and Wooster Middle Schools (a total of 430 students). Durham estimates this service would require an additional eight (8) to ten (10) buses at a cost ranging from $410,869 to $513,586 for the 2012-13 school year.

Mason Thrall, a Transportation Consultant from Capital Region Education Council was engaged to review these costs with Durham.

1.) Proposal 1, closing of Franklin Elementary School transportation numbers were confirmed by Mr. Thrall at $205,434*.
2.) Proposal 2, closing of Lordship Elementary School transportation numbers were confirmed by Mr. Thrall at $ 51,359*.
3.) Proposal 3, closing of Lordship Elementary School K-6, transportation numbers were confirmed by Mr. Thrall at $102,717*.
4.) Proposal 4, transportation of 6th graders to the Middle could be reduced to 3 additional buses if drop off times were adjusted for a total of $154,076 for 2012-13 school year, compared to Durham's projected $410,869 to $513,586. The proposal would involve moving the first and second tiered bus routes back five (5) to ten (10) minutes each. Currently, the buses are scheduled to arrive at 8:30 am for an 8:45 am bell time. The revised proposal would change the busses arrival to 8:40 am for an 8:45 am bell time.

*If the last tier could be adjusted 15 minutes (9:00am to 3:30pm) there would be an opportunity to reduce costs further.

Fiscal Impact of Simulations

Based on committee established criteria, a fiscal impact simulation of Options A and B were performed. In summary, if Lordship closed and 6th grade was moved to the Middle School, an estimated savings of $216,149 could be achieved. If Franklin closed and 6th grade was moved to the Middle school, an estimated savings of $34,018 could be achieved.

Lordship

Summary Total		**Savings**
	Operational Savings for Lordship	$ 421,584
	Busing 6th Graders to Middle	$ (154,076)
	K-5 Busing	$ (51,359)
	Special Ed Busing	**TBD**
	Total Savings	**$ 216,149**
	* Construction Costs	$ 455,035

* Confirmed 10.26.11 that capital funds can be used to offset reconfiguration of Middle Schools.

Franklin

Summary Total		**Savings**
	Operational Savings Franklin	$ 393,528
	Busing 6th Graders to Middle	$ (154,076)
	K-5 Busing	$ (205,434)
	Special Ed Busing	**TBD**
	Total Savings	**$ 34,018**
	* Construction Costs	$ 455,035

* Confirmed 10.26.11 that capital funds can be used to offset reconfiguration of Middle Schools.

5 year Fiscal Analysis

The following is a five year fiscal analysis showing the operational saving/costs associated with the closing of both Lordship and Franklin Elementary schools. When capital and construction costs are excluded, scenario A, with arrow on right hand side of the table, shows Lordship with a 5 year positive savings of $1,080,745, compared to Franklin at $170,090. When capital costs which have been included in the Board's five year capital improvement plan are factored into the analysis, Lordship shows a savings of $1,320,719 savings compared to Franklin at $1,971,055, scenario C.

5 Year Savings
Lordship as a K-5 configuration - (Moving 6th Grade to Middle School)
Without capital costs and construction costs

	Year 1	Year 2	Year 3	Year 4	Year 5	Total	
Operational Savings	$ 421,584	$ 421,584	$ 421,584	$ 421,584	$ 421,584	$ 2,107,920	
Transportation Costs	$(205,435)	$(205,435)	$(205,435)	$(205,435)	$ (205,435)	$(1,027,175)	
	$ 216,149	$ 216,149	$ 216,149	$ 216,149	$ 216,149	$ 1,080,745	A

Lordship

5 Year Savings
Lordship as a K-5 configuration - (Moving 6th Grade to Middle School)
Without capital costs

	Year 1	Year 2	Year 3	Year 4	Year 5	Total	
Operational Savings	$ 421,584	$ 421,584	$ 421,584	$ 421,584	$ 421,584	$ 2,107,920	
Construction Costs	$(455,035)					$ (455,035)	
Transportation Costs	$(205,435)	$(205,435)	$(205,435)	$(205,435)	$ (205,435)	$(1,027,175)	
	$(238,886)	$ 216,149	$ 216,149	$ 216,149	$ 216,149	$ 625,710	B

5 Year Savings
Lordship as a K-5 configuration - (Moving 6th Grade to Middle School)
With capital costs

	Year 1	Year 2	Year 3	Year 4	Year 5	Total	
Operational Savings	$ 421,584	$ 421,584	$ 421,584	$ 421,584	$ 421,584	$ 2,107,920	
Construction Costs	$(455,035)					$ (455,035)	
Capital Costs	$ 100,000	$ 101,000	$ 180,000	$ 182,000	$ 132,000	$ 695,000	
Transportation Costs	$(205,435)	$(205,435)	$(205,435)	$(205,435)	$ (205,435)	$(1,027,175)	
	$(138,886)	$ 317,149	$ 396,149	$ 398,149	$ 348,149	$ 1,320,710	C

5 Year Savings
Franklin as a K-5 configuration- (Moving 6th Grade to Middle School)
Without capital costs

	Year 1	Year 2	Year 3	Year 4	Year 5	Total	
Operational Savings	$ 393,528	$ 393,528	$ 393,528	$ 393,528	$ 393,528	$ 1,967,640	
Transportation Costs	$(359,510)	$(359,510)	$(359,510)	$(359,510)	$ (359,510)	$(1,797,550)	
	$ 34,018	$ 34,018	$ 34,018	$ 34,018	$ 34,018	$ 170,090	A

Franklin

5 Year Savings
Franklin as a K-5 configuration- (Moving 6th Grade to Middle School)
Without capital costs

	Year 1	Year 2	Year 3	Year 4	Year 5	Total	
Operational Savings	$ 393,528	$ 393,528	$ 393,528	$ 393,528	$ 393,528	$ 1,967,640	
Construction Costs	$(455,035)					$ (455,035)	
Transportation Costs	$(359,510)	$(359,510)	$(359,510)	$(359,510)	$ (359,510)	$(1,797,550)	
	$(421,017)	$ 34,018	$ 34,018	$ 34,018	$ 34,018	$ (284,945)	B

5 Year Savings
Franklin as a K-5 configuration- (Moving 6th Grade to Middle School)
With capital costs

	Year 1	Year 2	Year 3	Year 4	Year 5	Total	
Operational Savings	$ 393,528	$ 393,528	$ 393,528	$ 393,528	$ 393,528	$ 1,967,640	
Construction Costs	$(455,035)					$ (455,035)	
Capital Costs	$ 545,000	$ -	$ 45,000	$ 116,000	$ 1,550,000	$ 2,256,000	
Transportation Costs	$(359,510)	$(359,510)	$(359,510)	$(359,510)	$ (359,510)	$(1,797,550)	
	$ 123,983	$ 34,018	$ 79,018	$ 150,018	$ 1,584,018	$ 1,971,055	C

The following is a simulation change, which was requested at the last meeting of the committee, depicts the five year fiscal analysis showing the operational saving/costs associated with the closing of Lordship Elementary as a K-6 configuration, with the 6th grade remaining intact district wide. In summary, when capital costs are excluded, Lordship shows a potential savings of $3,350,290 over a 5 year period. When capital costs which have been included in the Boards five year capital improvement plan are factored into the five year analysis, Lordship shows a savings of $4,045,290.

5 Year Savings
Lordship as a K-6 configuration - (6th grade remains intact district wide)
Without Capital costs

Lordship	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Operational Savings	$ 772,775	$ 772,775	$ 772,775	$ 772,775	$ 772,775	$ 3,863,875
Construction Costs	$ -					$ -
Transportation Costs	$ (102,717)	$ (102,717)	$ (102,717)	$ (102,717)	$ (102,717)	$ (513,585)
	$ 670,058	$ 670,058	$ 670,058	$ 670,058	$ 670,058	$ 3,350,290

5 Year Savings
Lordship as a K-6 configuration - (6th grade remains intact district wide)
With Capital costs

	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Operational Savings	$ 772,775	$ 772,775	$ 772,775	$ 772,775	$ 772,775	$ 3,863,875
Construction Costs	$ -					$ -
Capital Costs	$ 100,000	$ 101,000	$ 180,000	$ 182,000	$ 132,000	$ 695,000
Transportation Costs	$ (102,717)	$ (102,717)	$ (102,717)	$ (102,717)	$ (102,717)	$ (513,585)
	$ 770,058	$ 771,058	$ 850,058	$ 852,058	$ 802,058	$ 4,045,290

An additional simulation was requested and reviewed to depict the five year fiscal analysis showing the operational saving/costs associated with the closing of Franklin Elementary as a K-6 configuration, with the 6th grade remaining intact district wide. In accordance with Option II (page 12) Franklin's population could not be absorbed within or outside of the pathways. The District would need to create an additional 21-25 spaces for students. In summary, the simulation could not be modeled.

Historical Population Trend of Middle Schools

The following table shows the historical population trends of Flood and Wooster Middle Schools. The table also shows the projected impact to the population when 6th graders are added to the Middle Schools. Flood increases to 881 students while Wooster increases to 695 students.

Enrollment

	FY 1987	FY 1991	FY 2002	FY 2008	FY 2012
Flood	477	461	686	607	606
Wooster	545	596	558	567	545

Moving 6th to Middle School will increase student population counts:

	Added 6th Graders	FY 2012	Projected Total
Flood	275	606	881
Wooster	150	545	695